

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10531701
Source: PCT
Date Processed by STIC: 2/9/06

ENTERED



PC)

RAW SEQUENCE LISTING

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:52

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw

```

3 <110> APPLICANT: Rougon, Genevieve
4     Torregrossa, Pascal
5     Schachner, Melitta
6     Schafer Nielsen, Claus
8 <120> TITLE OF INVENTION: USE OF POLY-ALPHA2,8-SIALIC ACID MIMETIC PEPTIDES TO MODULATE
9     NCAM FUNCTIONS
11 <130> FILE REFERENCE: 270346USOXPCT
13 <140> CURRENT APPLICATION NUMBER: 10/531,701
14 <141> CURRENT FILING DATE: 2005-04-18
16 <150> PRIOR APPLICATION NUMBER: PCT/IB2003/05108
17 <151> PRIOR FILING DATE: 2003-10-16
19 <150> PRIOR APPLICATION NUMBER: EU 02292548.1
20 <151> PRIOR FILING DATE: 2002-10-16
22 <160> NUMBER OF SEQ ID NOS: 32
24 <170> SOFTWARE: PatentIn version 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 12
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial
31 <220> FEATURE:
32 <223> OTHER INFORMATION: Synthetic Peptide
34 <400> SEQUENCE: 1
36 Asp Ser Pro Leu Val Pro Phe Ile Asp Phe His Pro
37 1          5          10
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 12
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Synthetic Peptide
48 <400> SEQUENCE: 2
50 Leu Trp Gln Pro Pro Leu Ile Pro Gly Ile Asp Phe
51 1          5          10
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 12
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Synthetic Peptide
62 <400> SEQUENCE: 3
64 Gln Ile Glu Pro Trp Phe Thr Pro Glu Asp Phe Pro
65 1          5          10
68 <210> SEQ ID NO: 4

```

RAW SEQUENCE LISTING

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:52

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw

```

69 <211> LENGTH: 12
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Synthetic Peptide
76 <400> SEQUENCE: 4
78 Thr Arg Leu Ala Pro Leu Val Phe Pro Leu Asp Tyr
79 1          5          10
82 <210> SEQ ID NO: 5
83 <211> LENGTH: 12
84 <212> TYPE: PRT
85 <213> ORGANISM: Artificial
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthetic Peptide
90 <400> SEQUENCE: 5
92 Ser Trp Leu Gln Met Pro Trp Ala Leu Val Arg Thr
93 1          5          10
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 12
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Synthetic Peptide
104 <400> SEQUENCE: 6
106 Glu Ile His Leu Arg Met Ile Lys Gln Ile Thr Ile
107 1          5          10
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 12
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Synthetic Peptide
118 <400> SEQUENCE: 7
120 Trp His Leu Glu Tyr Met Trp Arg Trp Pro Arg Leu
121 1          5          10
124 <210> SEQ ID NO: 8
125 <211> LENGTH: 12
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Synthetic Peptide
132 <400> SEQUENCE: 8
134 Leu Ile Glu Gln Arg Leu Pro Lys His Ile Leu Thr
135 1          5          10
138 <210> SEQ ID NO: 9
139 <211> LENGTH: 12
140 <212> TYPE: PRT
141 <213> ORGANISM: Artificial
143 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:52

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw

```

144 <223> OTHER INFORMATION: Synthetic Peptide
146 <400> SEQUENCE: 9
148 Tyr Glu Thr Ser Ser Ser Arg Leu Leu Ala Tyr Ala
149 1 5 10
152 <210> SEQ ID NO: 10
153 <211> LENGTH: 12
154 <212> TYPE: PRT
155 <213> ORGANISM: Artificial
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Synthetic Peptide
160 <400> SEQUENCE: 10
162 Thr Leu Ala Ser Gln Leu Ser Asn Thr Ser Ala Tyr
163 1 5 10
166 <210> SEQ ID NO: 11
167 <211> LENGTH: 12
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Synthetic Peptide
174 <400> SEQUENCE: 11
176 Ser Asp Gln Gly Val Asn Gly Ser Trp Ser Asn Pro
177 1 5 10
180 <210> SEQ ID NO: 12
181 <211> LENGTH: 13
182 <212> TYPE: PRT
183 <213> ORGANISM: Artificial
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Synthetic Peptide
188 <400> SEQUENCE: 12
190 Trp His Asn Trp Asn Leu Trp Ala Pro Ala Ser Pro Thr
191 1 5 10
194 <210> SEQ ID NO: 13
195 <211> LENGTH: 12
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Synthetic Peptide
202 <400> SEQUENCE: 13
204 Trp His Trp Gln Trp Thr Pro Trp Ser Ile Gln Pro
205 1 5 10
208 <210> SEQ ID NO: 14
209 <211> LENGTH: 12
210 <212> TYPE: PRT
211 <213> ORGANISM: Artificial
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Synthetic Peptide
216 <400> SEQUENCE: 14
218 Ile Lys Ser Pro Leu Thr Trp Leu Val Pro Pro Asp
219 1 5 10

```

RAW SEQUENCE LISTING

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:52

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw

```

222 <210> SEQ ID NO: 15
223 <211> LENGTH: 12
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic Peptide
230 <400> SEQUENCE: 15
232 Ser His Leu Asp Leu Ser Thr Gly His Arg Thr Ser
233 1          5          10
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 12
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Synthetic Peptide
244 <400> SEQUENCE: 16
246 Cys Tyr Pro Leu Asn Pro Glu Val Tyr His Cys Gly
247 1          5          10
250 <210> SEQ ID NO: 17
251 <211> LENGTH: 12
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Synthetic Peptide
258 <400> SEQUENCE: 17
260 Cys Trp Pro Leu Ser His Ser Val Ile Val Cys Gly
261 1          5          10
264 <210> SEQ ID NO: 18
265 <211> LENGTH: 12
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Synthetic Peptide
272 <400> SEQUENCE: 18
274 Cys Ser Ser Val Thr Ala Trp Thr Thr Gly Cys Gly
275 1          5          10
278 <210> SEQ ID NO: 19
279 <211> LENGTH: 11
280 <212> TYPE: PRT
281 <213> ORGANISM: Artificial
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Synthetic Peptide
286 <400> SEQUENCE: 19
288 Cys Tyr Met Ala Ser Gly Val Phe Leu Cys Gly
289 1          5          10
292 <210> SEQ ID NO: 20
293 <211> LENGTH: 12
294 <212> TYPE: PRT
295 <213> ORGANISM: Artificial

```

RAW SEQUENCE LISTING

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:52

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw

```

297 <220> FEATURE:
298 <223> OTHER INFORMATION: Synthetic Peptide
300 <400> SEQUENCE: 20
302 Cys Trp Pro Leu Gly Pro Ser Thr Tyr Ile Cys Gly
303 1          5          10
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 12
308 <212> TYPE: PRT
309 <213> ORGANISM: Artificial
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Synthetic Peptide
314 <400> SEQUENCE: 21
316 Cys Ser Leu Ile Ala Ser Met Glu Thr Gly Cys Gly
317 1          5          10
320 <210> SEQ ID NO: 22
321 <211> LENGTH: 12
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Synthetic Peptide
328 <400> SEQUENCE: 22
330 Cys Ser Lys Ile Ala Ser Met Glu Thr Gly Cys Gly
331 1          5          10
334 <210> SEQ ID NO: 23
335 <211> LENGTH: 12
336 <212> TYPE: PRT
337 <213> ORGANISM: Artificial
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Synthetic Peptide
342 <400> SEQUENCE: 23
344 Cys Tyr Ile Gly Asp Pro Pro Phe Asn Pro Cys Gly
345 1          5          10
348 <210> SEQ ID NO: 24
349 <211> LENGTH: 12
350 <212> TYPE: PRT
351 <213> ORGANISM: Artificial
353 <220> FEATURE:
354 <223> OTHER INFORMATION: Synthetic Peptide
356 <400> SEQUENCE: 24
358 Cys Trp Pro Leu Gly Asp Ser Thr Val Ile Cys Gly
359 1          5          10
362 <210> SEQ ID NO: 25
363 <211> LENGTH: 12
364 <212> TYPE: PRT
365 <213> ORGANISM: Artificial
367 <220> FEATURE:
368 <223> OTHER INFORMATION: Synthetic Peptide
370 <400> SEQUENCE: 25
372 Cys Pro Leu Arg Leu Ala Phe Thr Phe Gly Cys Gly

```

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:53

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw

valid <213> Response:

a of "Artificial" only as "<213> Organism" response is incomplete,
r 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

i#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

i#:28,29,30,31,32

VERIFICATION SUMMARY

DATE: 02/09/2006

PATENT APPLICATION: US/10/531,701

TIME: 12:32:53

Input Set : A:\270346USOXPCT.ST25.txt

Output Set: N:\CRF4\02012006\J531701.raw